

**Afghanistan** - YA Romeo Stepanenko 3W3RR will be in Afghanistan for a few days around the end of December. He has renewed his YA0RR license, and will be active with UJ8JLT and UB5JIM. Try 1832, 3508, 7005, 14020, 21030.7, and 28020 kHz on CW, and 3740/3795, 7045/75, 14151/195, 21201/295, and 28401/495 kHz on SSB. QSL to Box 812, Sofia 1000, Bulgaria. (Romeo warns of pirates operating on other frequencies on 15-meter CW.)

**Bangladesh** - S2 Saif S21A returns to Bangladesh on Dec. 10, and should be on the air soon thereafter, thanks to INDEXA, NCDXF, and WZ6C. All his equipment is in the country, ready to go. S21B will get on the air later in December. WZ6C expects get his license and to be active by Christmas. Look for Eric on CW, and in SSB nets. Eric is teaching 10 students CW, aiming to give the amateur test in early 1992.

Edited by Chod Harris VP2ML

### December 6, 1991

#### DXpedition News, Continued

- **Southeast Asia**: Hiroo Yonezuka JA2EZD is in Vietnam 3W to Dec. 12; look for him as XV2A or under his own call. He moves to Kampuchea Dec. 12-19, as XU8DX or XU0CW. Next stop is Laos Dec. 19-26, as XW8KPL, or another call. January stops include Thailand HS, Malaysia 9M, and the Philippines DU. QSL home call.
- **Barbados - 8P**: Tom LA4LN and wife Siri LA2SR will be 8P9? to Dec. 9. Try 1835 and 10 kHz up on CW, 3785, 7045, 14145/185, 21285, and 28485 on SSB, and 85 kHz up on RTTY. QSL to LA4LN. (DXNS.)
- **Grenada - J3**: Tom and Siri move over to Grenada Dec. 9-16 as J37ZF and J37ZG respectively; same operating and QSL information as above. (DXNS.)
- **Turks and Caicos Islands - VP5**: Hans Nilsson SM3TLG will operate from Provo Island (NA-002) Dec. 9-20. 10-80 meters, CW and SSB. QSL home call. (DXNS.)
- **VK0WD** will be the Macquarie island call of VK7WD, Dec. 30-Jan. 3. Mostly CW. QSL home call.

#### Shortly Noted

- **TR8CR** is F8EN, who will be active until Jan. 17.
- **V73CT**, Ken Wells, says he is active 28400-495 kHz at 00-0100Z, and 14260 or 21260 kHz at 08-1100Z most days. He also likes 18135 kHz. QSL to him at Box 1255, APO AP 96555. US postage or an IRC deeply appreciated.
- **DXCC Report**: As of Nov. 8, the DXCC desk was processing applications and endorsements received Sept. 27th. The Honor Roll rush is finally over.
- **SSB Net check-ins**: 14160 kHz (2200Z): TT8SA; 14236: CE0DFL 5Z4BH; 14227: Z21HD 8R1UN WA4D; 14256 (2330Z): 5T5HH VP8CFM (South Orkneys) VP8CIB 9N1MM; 21335: S79KMB VU2GI 3A2LU SV3AGQ CN2AQ; 28510: FT4WC.
- **Islands On The Air**: Rick Dorsch NE8Z/1G4 will be active Dec. 22-27 from Siesta Key, in the Florida State West group (NA-034). Dec. 28-31, he'll be NE8Z/1L4 from Lido Key, in the same group. Try the IOTA frequencies of 14260, 21260, and 28460 kHz. On CW, try 5 or 26 kHz up. New-band activity, too. QSL via John Knoll K8LJG, 3528 Craig Dr., Flint MI 48506. 9M8GN and 9M3GN are the callsigns of IK2GNW for Langkawi Island (AS-058) in January. 4K3OLL on Morzhovets I. (EU-119) has been on 14030 kHz at 0345Z. VK5VK on Kangaroo I. (OC-139) is often on 14260 kHz at 19-2000Z. (OK-DXPress.)
- **RTTY report**: C6AAA is often on 14085 kHz at 2300Z. XQ0X likes 14082 kHz 0020-0230Z, when he is not busy fishing. Some spots: UL7RBV 14088 0525Z; 9X5LJ 14071 ARQ 0015Z; FK8BG 21074 ARQ 0500Z; TY1PS 14072 ARQ 2215Z; 9K2WR 14074 0510Z; and 5N8AL 14074 0615Z.

# The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Guinea-Bissau - J5 Brian Coyne G4ODV is now active

as J5AUA, mostly CW, 15-25 kHz up. He be active from some West African spot to Dec. 12. See Bandpass reports for C56/G4ODV for details. QSL direct only to home call, with 2 IRCs or US\$1.

**Niue - ZK2** Ron Wright ZL1AMO is active as ZK2RW.

Mostly CW, often listening below his transmitting frequency. Try 7004± kHz at 0745-1030Z, 10103 at 1200Z, 14023 at 03-0500Z, 28024 at 2200Z, or 24904 at 2245Z. QSL home call, direct only, please.

**Kure Island - KH7** Rick KH6JEB will be /KH7 for

another week. He has 6-meter and RTTY gear with him. QSL home call.

## Propagation

### Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before						
December 1991	Date	Flux	A	K	Date	Flux	A	K	
06	Disturbed	11/09	197	99/86	5	10/11	179	09/10	2
07	High Normal	11/10	195	16/16	2	10/12	188	04/08	2
08	High Normal	11/11	198	14/16	4	10/13	183	06/08	2
09	High Normal	11/12	192	07/11	2	10/14	187	06/08	2
10	High Normal	11/13	181	13/13	2	10/15	179	04/07	2
11	High Normal	11/14	184	16/16	2	10/16	181	04/06	1
12	Low Normal	11/15	173	21/21	3	10/17	169	05/06	1
13	Low Normal	11/16	166	23/22	3	10/18	158	15/11	2
14	Low Normal	11/17	165	16/16	3	10/19	154	09/09	2
15	Below Normal	11/18	163	25/27	4	10/20	157	18/20	3
16	Disturbed	11/19	158	41/44	5	10/21	168	17/23	3
17	Low Normal	11/20	153	11/16	2	10/22	185	20/20	3
18	Disturbed	11/21	145	37/48	4	10/23	194	15/18	4
19	Disturbed	11/22	139	33/45	3	10/24	231	18/18	3

### Propagation Watch

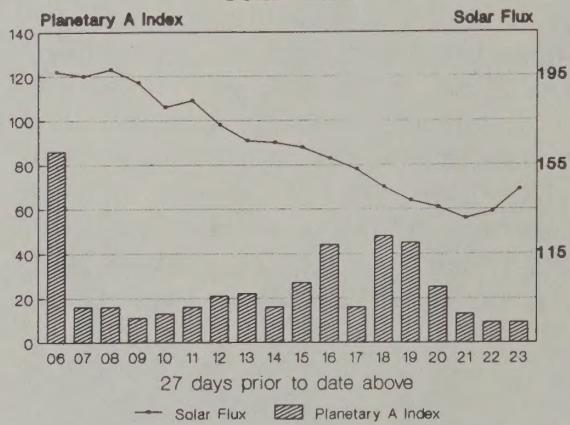
How much should you rely on the above forecasts? The experience of the last week of November should remind all DXers that any propagation forecast should be approached with caution.

The forecast for late November was for a recurrence of below-normal and disturbed conditions, based on solar flares and an active geomagnetic field one solar revolution (about 27-28 days) previous. However, DXers enjoyed just the opposite: above average conditions. The sun quieted down, the A index dropped to single digits, and the K index fell to 1. These numbers spell good long-haul, long-path, polar, and low-band conditions.

The problem with propagation forecasting is that solar flares, and their subsequent geomagnetic effects, don't necessarily follow a predictable, 27.5-day cycle. Solar flux does follow this regular up-and-down cycle (at least most of the time), but the very active sunspot regions that produce disturbed conditions seldom survive a full solar revolution.

In general, band conditions are likely to be better than the above forecasts. However, magnetically complex, active sunspot regions can produce large flares unpredictably, so be prepared to QSY to VHF, work on antenna maintenance, or even spend time with your family, if flares wipe out the bands. Otherwise, look for better low-band openings and shorter high-band openings this month.

Solar Data



## Romeo Stepanenko - 3W3RR

Ed Kritsky NT2X reports that the word from Moscow is that all YA0RR QSL cards have been put into the mail. If, after a reasonable delivery time, you still haven't received yours, try again to Box 812, Sofia 1000, Bulgaria. No need of donations nor IRCS.

Romeo says he has all the necessary documentation to satisfy the ARRL about the XY0RR operation. Since he must provide originals, not copies, he awaits a suitable, safe transportation route to Newington for the documents.

Romeo is working to get the XY0RR cards printed before the end of the year, with a aim to beat the large Soviet postal increase slated for Jan. 1. At the moment, the cards still have not been printed. The complete story of Romeo's Burma expedition will be in a 1992 issue of *The DX Magazine*.

The pirate who has been boot-legging Romeo's expeditions (see Page 1) apparently will have trouble tuning his home-made radio to 21030.7 kHz, which is the reason for the special frequency.

### DXpedition Updates

- The N0TG/KP1 Navassa Island DXpedition remains on track for Jan. 17-23. They have secured RTTY and six-meter gear, and experienced contestants Will Roberts AA4NC and Ron Oates AA4VK will be joining the team. They still seek funds to help cover the costs of transportation. Send donations to Randy Rowe N0TG, 2120 Reverchon Dr., Arlington TX 76017.
- The proposed American/Vietnam DXpedition has been postponed at least a few months. The team was unable to obtain suitable licensing in time for their January trip. If licensing can be worked out, they'll try again later. Meanwhile, all donations will be returned.
- The South Sandwich trip continues to shoot for March. They hope to sign up a couple more experienced operators for the trip. Tony DePorto WA4JQS wants to clear up the group's policy with regard to SSB nets: They may come up on nets on the last day or two of the operation, for a couple of hours, depending on the pile-ups. They feel obligated to the groups that helped fund the DXpedition, some of which are associated with nets. Most operation will be free-lance. Donations are still needed; send them to Gerry Branson AA6BB, 93787 Dorsey Lane, Junction City OR 97448.

### 1992 Callbooks

Mike Klein KC3NE has the 1992 "Flying Horse" Callbooks available for \$26.50 each, or \$50 for both North American and International Editions. Free UPS shipping to the continental 48 states, and free beam-heading chart (send latitude and longitude.) Free 1992 ham calendar. Orders to Box 306, Cheltenham PA 19012.

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# B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. \* = long path. P = packet.  
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
17	18	19	20	21	22	23
24	25	26	27	28	29	30
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21

## RTTY

C6AAA	14087	1200	27	FL
C6AAA	14085	2325	26	CA
J37MB	21088	0222	21	PA
J37MB	14080	2300	22	CA
J68AS	14085	2112	29	FL
J68AS	14081	2355	26	CA
J6LSC	14088	0022	26	PA
LY2BH	28091	1504	27	FL
RA0FM	21085	0055	26	CA
RA0FS	21088	2330	26	CA
UZ0LWC	21083	0055	28	CA
V85XO	14085	2117	29	FL
XQ0X	21088	0233	21	PA

## 160 Meters

H18A	1832	2306	27	FL
J6LRU	1831	0031	26	FL
KP2J	1834	0058	27	FL
P40V	1870	2257	27	FL

## 80 Meters

4K4POL	3506	1005	25	NH
6W6JX	3509	0636	21	WV
C56/	3501	0005	26	FL
G3SXW				
CT3FN	3500	2315	20	NH
EA8AB	3504	0047	22	VA
H18A	3503	2302	26	FL
JA1CGM	3502	1040	26	NH
KH6CF	3503	1050	27	NH
ON4UN	3505	2145	18	NH
RA0FA	3507	1211	28	FL
UO5OA	3506	0419	28	FL

## 75 Meters

6Y5EW	3792	1109	24	VA
HK0AEP	3795	0200	26	IA

## 40 Meters

4K1ADQ	7003	0300	25	IA
4K2MAL	7004	0412	15	WY
4K2MAL	7001	1215	22	IA
5B4ADA	7002	2215	22	VA
5V7RC	7012	2253	26	FL
6W6/	7003	0048	26	FL
K3IPK				
C9RAB	7012	0126	22	IL
EA6NB	7004	0520	22	IL
HA5XT *	7002	1448	25	ID
HC5AI	7003	1037	26	FL
HF0POL	7010	0340	21	IA
JD1/	7005	1450	26	ID
JH5ESS	Minami	Torishima		
JW/UW1ZC	7004	2340	29	FL
JW0C	7007	0250	25	IA
RF6FD *	7005	1511	25	ID
RW9WA	7007	0130	20	IA
TA2AI	7004	2258	26	FL
UH8EA	7016	2335	19	VA
UJ8JI	7004	1315	21	IA
UM0MO	7004	1149	29	FL
ZK2RW	7007	1212	27	FL

## 30 Meters

CO1HJ	10102	0038	25	FL
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FG4BG	10103	0155	20	KS
HC7SK	10104	0222	26	PA
HI8A	10101	2121	26	PA
J6LRR	10104	0235	26	FL
JW/UW1ZC	10109	0346	30	FL
UB5IT	10108	0356	28	CT
UF7FXA	10102	2301	30	FL
V63DX	10105	1245	26	NY
VP9MR	10104	0056	18	KS
VS6WV	10103	1220	28	FL
YJ0AJU	10101	0656	26	PA
ZB2FK	10106	0041	26	VA
ZK2RW	10104	1206	26	VA
ZP6CW	10101	0050	27	FL

## 20 Meter CW

3B8FG *	14020	1231	30	FL
3B8FK	14025	1314	16	AL
4K3OLL	14030	0349	13	CA
4S7WN	14018	1150	20	MA
4S7WP	14006	0125	27	NY
C56/	14021	0137	19	MI
G4ODV				
EA8UF	14058	044	27	FL
FK8FG	14018	1945	27	FL
FR5DD	14020	0210	30	FL
FR5DD	14024	2028	21	CA
FS4PL	14024	0058	25	FL
HL5AP	14005	2334	29	FL
HZ1AB *	14003	1516	24	ID
JT1BS	14012	0005	22	IA
JT1CS	14008	0042	27	FL
JW/UW1ZC	14004	0315	21	AZ
JW9XG	14002	1332	21	AZ
JW9XG	14015	2259	24	ID
JY8VJ	14031	2300	19	IA
P29DK	14010	1254	13	MI
RJ8JVD	14026	0344	15	IA
TF3CW	14028	0030	21	IA
TR8GL	14015	2145	25	NY
TU2MA	14025	2154	24	ID
TU2SR	14027	2326	22	NJ
UA9YBO	14032	0245	21	AZ
UF6FJ	14013	0001	16	MI
UF6FJ	14004	1435	20	MI
U18AA	14034	0345	30	FL
UL8LW0	14006	0334	18	TX
V85KX	14008	1613	16	CA
VS6AI	14026	0006	30	FL
VU2NI *	14012	1232	30	FL
VU2TEC	14008	1542	23	IL
YA/	14036	0218	30	FL
OK1AI				
ZA1TAG	14010	1631	21	CA
ZD8LII	14017	0335	23	IL

## 20 Meter SSB

HF0POL	14220	0342	25	CA
KC4AAA	14226	0045	27	NY
KC4AAA	14257	0425	26	IA
TT8SA	14160	2125	20	IA
VP8CGQ	14220	0122	27	RI

## 17 Meter CW

HC5AI	18071	1205	21	WV
JT1CO	18073	0105	27	FL
VQ9QM	18077	1651	30	FL

## 17 Meter SSB

5N0CEP	18148	2126	16	FL
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## 15 Meter CW

4K2MAL	21018	1847	20	OR
5N0/	21016	1815	21	IA
OK3CLA				
5U7M	21039	1241	19	WV
9J2SZ	21012	1801	19	OH
BY4RB	21017	0027	21	AZ
JW9XG	21035	1838	20	OR
RH1W/	21015	1153	27	FL
UA4FDS				
RL0L	21017	1312	22	VA
UH8YM	21009	1210	29	FL
V85KX	21010	2330	22	IA
VP8CQR	21018	2344	27	CA
VS6/	21028	2327	29	FL
AA9AK				
VS6BG	21002	2303	22	WV

## 12 Meters

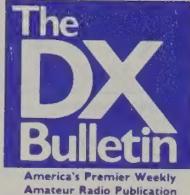
GJ2FMV	24898	1408	27	FL
HC5VR	24897	1333	26	OH
HF0POL	28019	1458	27	FL
HI8AX	24893	2057	20	WV
J28FO	24893	1332	25	NS
OX3FV	24892	1458	25	WV
OY7ML	24896	1416	26	OH
TU4XM	24902	1359	25	OH
VQ9QM	24900	1508	28	FL
ZC4CZ	24903	1533	16	AL
ZK2RW	24904	2244	27	FL

## 10 Meter CW

3X1AU	28530	1255	17	IL
4U1UN	28516	1436	17	NH
5N0KYB	28486	1306	17	IL
7P8EG	28480	1251	17	IL
9H4CM	28500	1446	29	CT
9J2BO	28525	1346	16	IL
9K2TC	28550	1353	25	NY
9Q5SF	28546	1550	14	IL

## 10 Meter SSB

3X1AU	28530	1255	24	MI
4U1UN	28516			



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Issue 616 - December 6, 1991

### Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
Afghanistan	YA	YA0RR	Late Dec.	<b>I616</b>
		YA2CW	Now-Jan.	I610
Angola	D2	D2ACA	postponed	I614
Bahamas	C6A/KM1E		Dec. 1-Jan. 15	<b>I614</b>
Bangladesh	S2	S21A/B	Late Dec.	<b>I616</b>
Barbados	8P	8P9?	to Dec. 9	<b>I616</b>
British Virgins	VP2V/	W5ZPA, KB5GL	Jan. 16-20	I615
Cayman Islands	ZF	ZF2RB/QZ/8	Nov. 29-Dec. 6	<b>I615</b>
		ZF2NF	Dec. 26-Jan. 2	I615
Gabon	TR	TR8CR	to Dec. 17	<b>I616</b>
Grenada	J3	J37ZF/G	Dec. 9-16	<b>I616</b>
Guinea Bissau	J5	J5AUA	to dec. 12	<b>I616</b>
Hong Kong	VS6/	GU4XGG	Oct. 18-Dec.	I608
Jan Mayen	JX	JX9EHA, JX3EX	Now-Dec.	<b>I611</b>
Kampuchea	XU	XU8DX	Dec. 12-19	<b>I616</b>
Kure Island	KH7/KH6JEB		to Dec. 13	<b>I616</b>
Laos	XW	XW8KPL	Dec. 19-26	<b>I616</b>
Lesotho	7P	7P8EN	Late Dec.	I615
Macquarie Island	VK0	VK0WD	Dec. 30-Jan. 3	<b>I616</b>
Navassa Island	KP1/	N0TG	Jan 17-23	<b>I616</b>
Niger	5U	5U7M	Now active	<b>I615</b>
Niue	ZK2	ZK2RW	Now active	<b>I616</b>
Penguin Islands	ZS	ZS0Z	Dec. 16-23	I615
Sable Island	CY0SAB		Nov. 30-Dec. 6	<b>I615</b>
San Felix	CE0X	XQ0X	Now active	<b>I602</b>
Thailand	HS	HS1BV	21300/14-21Z	I608
		HS0ZAP	Now by Colvins	<b>I614</b>
Togo	5V	5V7JG	Now-Dec.	<b>I596</b>
Turks & Caicos	VP5	?	Dec. 9-20	<b>I616</b>
Vietnam	XV	XV2A	to Dec. 12	<b>I616</b>

### Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following: KH6BZF, SESC, ACSK, DXNS, JA2EZD, K1HDO, K1VSJ, K1VWL, K3ZPG, K4IQJ, K6LEB, K7JBQ, K8OQL, K8WKZ, KA1MUY, KA7T, KA9MRU, KC3NE, K0EUV, KG4O, KG6I, KI7Y, K0KLK, KM9J, KQ3S, KT7H, LDXN, N2GLH, N4MM, N4YKD, N6IBP, N8PYO, NE8Z, NT2X, N0TG, OK-DXPress, V73CT, -

### Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
■ Balearic Islands	EA6NB	7003	0500Z
■ Dominican Republic	HI8A	3505	2230-01Z
■ Easter Island	CE0FFD	28009	1840Z
■ Ecuador	HC7SK	10103	0230Z
■ Falkland Islands	VP8CGQ	28500±	2100Z Fri.
■ Gibraltar	ZB2FK	10106	0045Z
■ Guinea	3X0HNU	28010	1600Z
■ Ivory Coast	TU2XZ	28480	1500Z
■ Japan	JA1CGM	3503	1045Z
■ Mauritius Island	3B8FG	14020	1200Z
■ Mongolia	JT1CS	20M CW	0045-02Z
■ Pitcairn Island	VR6BX	28460±	1500Z Mon.
■ Pitcairn Island	VR6BX	21310±	2300Z
■ Saudi Arabia	7Z1AB	28010	1245Z
■ Svalbard	JW9XG	21029	18-2200Z
■ Svalbard	JW9XG	20M CW	2300Z
■ Taiwan	BV2TA	14010	1900Z
■ Vanuatu	YJ8RN	28480±	2230Z Fri.
■ Western Samoa	5W1VJ	28015±	2100Z
■ Zimbabwe	Z21HJ	28500±	1600Z

### Operating Events and DX Gatherings

Dates	Event	Reference:
Dec. 6-8	ARRL 160-Meter Test	<u>QST</u>
Dec. 14-15	ARRL 10-Meter Contest	<u>QST</u>
Jan. 4-5, 1992	ARRL RTTY Roundup	<u>QST</u>
Jan. 24-26	CQWW 160-Meter CW Test	<u>CQ</u>
Feb. 15-16	ARRL CW DX test	<u>QST</u>
Mar. 7-8	ARRL SSB DX test	<u>QST</u>
Mar. 28-29	WPX SSB Test	<u>CQ</u>

Contributors, continued:

VE1YX, W1NH, W2WW, W2WW, W4VQ, W6JOX, W6OSP, W6WKE, W7YS, W7ZRC, W8CT, WA2MZK, WA4JQS, WA5PFJ, WA6PJR, WA9AQE, WB4OSN, WB8YJF, WB8ZRL, WD9GGY, WE6V, WE6V, WJ7R, WS7W, and WZ6C. Many thanks! -ed.